

## DETAIL NOTES

The silt fence shall prevent soil carried by runoff water from going beneath, through or over the top of the silt fence, but shall allow the water to pass through.

The silt fence shall be attached on the up-slope side of the posts and shall be attached in a manner that reduces the potential for tearing at the point of attachment.

Silt fences should not be constructed in streams or used in V-shaped ditches. They are not an adequate method of silt control for anything deeper than sheet flow or overland flow.

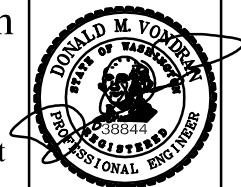
- ① GEOTEXTILE FILTER FABRIC – MIRAFI 100X, OR EQUIVALENT. JOINTS IN THE FILTER FABRIC SHALL BE SPLICED AT THE POST. USE STAPLES, WIRE RINGS OR EQUIVALENT TO ATTACHE FABRIC TO POSTS. THE FILTER FABRIC SHALL BE BURIED A MINIMUM DEPTH OF 6" BELOW THE GROUND SURFACE.
- ② 2"x2"x14 GAUGE WIRE BACKING, OR EQUIVALENT. WIRE BACKING SHALL BE USED WITH STANDARD STRENGTH FILTER FABRIC MATERIALS. USE OF EXTRA STRENGTH MATERIALS WITH NO WIRE BACKING MAY BE USED UPON APPROVAL OF THE CITY ENGINEER. THE WIRE BACKING SHALL BE BURIED A MINIMUM DEPTH OF 4" BELOW THE GROUND SURFACE.
- ③ 2"x2" WOOD POSTS, STEEL FENCE POSTS, OR EQUIVALENT. POSTS SHALL BE DRIVEN A MINIMUM OF 18" (12" IF TOPSOIL OR OTHER SOFT SUBGRADE SOIL IS NOT PRESENT AND/OR IF 18" DEPTH CANNOT BE REACHED).
- ④ 6"x6" MINIMUM TRENCH. TRENCH SHALL BE BACKFILLED WITH NATIVE SOILS OR 3/4" TO 1.5" WASHED GRAVEL. THE BACKFILLED SOIL SHALL BE TAMPED IN PLACE OVER THE BURIED PORTION OF THE FILTER FABRIC, SUCH THAT NO FLOW CAN PASS BENEATH THE FENCE AND SCOURING CANNOT OCCUR.



City of Covington

Public Works

Community Development



SILT FENCE

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